

DESIGN/BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT

PI No.: 0010394, DeKalb County

PI No.: 0010395, Fulton County

PI No.: 0010401, Cobb County

PI No.: 0010403, Fulton County

SRTS – Various Locations

INSPECTION DATE: November 21, 2013

REPORT DATE: November 21, 2013

RESPONSE ACCEPTED DATE: January 6, 2014

This inspection was requested by Darryl VanMeter, P.E., State Innovative Program Delivery Engineer. The Project Manager is Loren Bartlett.

The specifications were prepared by HNTB Corporation.

The report was prepared by Michelle Pate, Design Review Engineer II, and approved by Lisa L. Myers, State Project Review Engineer, Office of Engineering Services.

The NEPA document for 0010395 was approved on October 16, 2013. **The NEPA Document is pending approval for PI 0010394, 0010401, & 0010403.**

This report is being distributed via E-mail. Final plan preparation can now begin.

The Inspection Plans were reviewed in the 5th floor Engineering Services Conference Room at One Georgia Center prior to the site inspection. The site inspection was held by the Office of Construction prior to the meeting.

All comments marked with an arrow symbol (⇒) should be addressed with a written response by the Project Manager. As per Plan Development Process, responses to all comments will be written in complete sentences and will clearly state the action taken to address the comment. If a comment requests a specific action and the Project Manager determines that no action or a different action will be taken, the response should clearly explain the Project Manager's decision. All responses shall be submitted in Word format (a pdf of the document will not be accepted.)

Projects Let to construction after July 1, 2013 will require the use of the 2011 AASHTO "GREEN BOOK", GDOT Design Manual, 2011 Roadside Design Guide, 2012 Guide for the Development of Bicycle Facilities and the 2001 Georgia Standard Specifications. Projects Let to Construction after October 2013 will require the use of the 2013 Georgia Standard Specifications. Please revise all notes that make reference to previous GDOT Design Manuals and Specifications. Any substandard features that cannot be complied with due to project restraints will require the submission of a design exception/variance to the State Design Policy and Support Engineer.

PROJECT DESCRIPTION

This project consists of design and construction services necessary to install sidewalk, as well as other items which include, but are not limited to ADA compliant wheelchair ramps and pedestrian signal heads, signing, striping, bicycle facilities, widen existing bridge (PI 0010401), radar speed signs, speed tables, school flashers, raised crosswalks, curb & gutter, longitudinal drainage systems and retaining walls. The following includes a list of projects and adjacent schools:

- P.I. No. 0010394 (DeKalb County)
 - Briarlake Elementary School
 - Evansdale Elementary School

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 2

FULTON, DEKALB, & COBB COUNTY

- Fairington Elementary School
 - Hawthorne Elementary School
 - Oak Grove Elementary School
- P.I. No. 0010395 (Fulton County)
 - Neighborhood Charter School
 - Atlanta Charter School
- P.I. No. 0010401 (Cobb County)
 - Cheatham Hill Elementary School
 - Kincaid Elementary School
- P.I. No. 0010403 (Fulton County)
 - Bethune Elementary School

This project is currently scheduled to advertise on January 24, 2014 and let on March 21, 2014. This project will utilize the one phase low bid selection method.

Please note that per Section 11.4 of the GDOT Design Policy Manual GDOT's programmed SRTS projects have very limited funding and short project schedules, therefore it is of utmost importance for all internal and/or external team members to provide the most productive and efficient project possible.

Also per Section 11.4 of the GDOT Design Policy Manual, these facilities must comply with the Americans with Disabilities Act (ADA) standards, Section 504 of the Rehabilitation Act, the Architectural Barriers Act, and any other applicable laws or regulations relating to accessibility, to the maximum extent feasible within the scope of the project.

The feasibility meant by this standard is a physical possibility only. A public agency is exempt from meeting the ADA standards where physical terrain or site conditions restrict constructing or altering the facility to the standard.

ENVIRONMENTAL

ENVIRONMENTAL COMMITMENTS: See Appendix "A" for Green Sheet for 0010395. All other project Green Sheets are unavailable at this time.

PI 0010395 has been removed from the March letting. All other green sheets have been signed and are currently under FHWA review

GENERAL ENVIRONMENTAL COMMENTS:

- ⇒ The Environmental Resources Impact Table ([Environmental Resources Impact Table](#)) will be coordinated with the project's Environmental Commitments Table and other plan notes to illustrate the restrictions associated with various environmental resources. The responsibility for inserting the table into the plans will rest with the designer, and its content and accuracy will be confirmed by the NEPA analyst who is responsible for environmentally certifying the project. The table shall be included in the General Notes section of all plans beginning with projects that have field plan reviews scheduled for September 1, 2010, and later and/or projects that are scheduled to be let in November 2010 or later. All Environmentally Sensitive Area (ESA) flags on plan sheets shall be changed to read "ESA - See Environmental Resources Impact Table in General Notes for construction restrictions." The ESA notes shall be placed on ALL plan sheets where an ESA exists.

As a requirement per the green sheet and environmental commitments the Design-Build team will be required to add the ESA note to all applicable plan sheets

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 3

FULTON, DEKALB, & COBB COUNTY

- Looking at the span lengths, can the beams be set at all of the bents without additional work area? Yes, but lane closures would have to occur. Lane closures do not seem a practical solution.
- Has a barge or work bridge been considered and accounted for in the permitting? N/A
- Will it be necessary to build a slip ramp or armor the banks? No
- Can the work site be accessed under the permit criteria selected? This is questionable. The work site would potentially impact the wetlands – not covered under this document.
- Are there seasonal limitations, or controls that can impact/improve accessibility to consider when seeking the permit and establishing contract time? Yes

DESIGN EXCEPTIONS

DESIGN EXCEPTIONS REQUIRED: None

DESIGN EXCEPTIONS REQUESTED: None

DESIGN EXCEPTIONS APPROVED: None

DESIGN VARIANCES

DESIGN VARIANCES REQUIRED: None

DESIGN VARIANCES REQUESTED: None

DESIGN VARIANCES APPROVED: None

SPECIAL PROVISIONS

PROJECT SPECIFIC SPECIAL PROVISIONS FURNISHED FOR THE INSPECTION:

Section 999 – Design-Build Project

Section 150.11 – Traffic Control Special Conditions

PI 0010395

Provision for Archaeological Monitoring

The PI 0010395 SRTS will not be in the March letting

- ⇒ ADDITIONAL PROJECT SPECIFIC SPECIAL PROVISIONS REQUIRED:
- Section 108.08 – Prosecution and Progress **[Will be added to the Contract]**
- Section 107.13J – Archaeology Monitoring **[NOT REQUIRED]**
- Section 107.23.G – Protection of Federally Threatened and / or Protected Species **[Will be added to the Contract]**
- Section 107.21 Contractor's Worksite Utility Coordination Supervisor (WUCS). **[NOT REQUIRED, WUCS requirements are established in the utilities section of SP 999]**

GENERAL SPECIAL PROVISION COMMENTS:

Restrictions to traffic interruptions are recommended. See special provision for all location restrictions.

- ⇒ Please submit the Section 108 and Section 150 Special Provisions to the Office of Construction for their review. This should be done after the Preliminary Field Plan Review, but prior to the assembly of the Final Plan Documents.

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 4

FULTON, DEKALB, & COBB COUNTY

Section 108 & 150 will be coordinated and submitted with the Office of Construction prior to assembly of the final plan documents

- ⇒ The Special Provision 150 submitted needs all PI numbers and all counties listed in the heading.
SP 150 will be updated to include all PI numbers and counties in the heading
- ⇒ SP 150: Several places in the special provision call for single lane closures and shoulder closures. Other places indicated just single lane closures. Do shoulder closures need to be included as well in all areas?
SP 150 will be revised to include work times allowed by the schools and lane/shoulder closures
- ⇒ Coordination with the schools/PTSA should occur as soon as possible to see when work can occur. Are restrictions to work only on weekends, during summer break, fall break, etc? This needs to be specified.
SP 150 will be revised to include work times allowed by the schools
- ⇒ If night work only is intended, this needs to be stated in the SP 150. This will greatly impact the price of the project. The inspection team doesn't recommend this, especially since these projects occur in a residential area.
SP 150 will be revised to include allowable work times
- ⇒ SP 150, Workzone Law Enforcement: "The daily work record shall be compiled on a form provided by the Department..." Does this form exist or does it need to be created and added as an attachment?
Workzone Law Enforcement has been removed
- ⇒ The inspection team recommends the removal of workzone law enforcement. It does not appear to be necessary.
Workzone Law Enforcement has been removed
- ⇒ The special provision submitted for archaeological monitoring will need to be routed and approved through the correct departments. The given special provision is not in an acceptable format.
The PI 0010395 SRTS will not be in the March letting
- ⇒ The intent is to allow work at multiple locations at one time. The specification should allow early close outs for each location.
Maintenance Acceptance for each location is permitted as per Standard Specification 104.05.

ESTIMATED CONTRACT TIME: The Inspection Team recommends 24 months.

CONSTRUCTION PLANS

The Project Manager is advised that this project is located within a NPDES Municipal Separate Storm Sewer System (MS4) Permitted area. Linear roadway projects that disturb 1 acre or more of land, or site development that creates or adds 5,000-sqft or greater of new impervious surface area are required to comply with section 4.2.5.1a of the permit. Section 4.2.5.1a of the permit requires design of storm water structures at outfall locations that provide:

- Removal of 80% of total suspended solids (TSS) from the first 1.2-inches of rainfall;
- Detention storage for the 1 year 24 hour storm event;
- Match pre-developed flow rates for the 25 year 24 hour storm event; and
- Control the 100 year 24 hour storm event.

Projects excluded from section 4.2.5.1a of the permit include:

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 5

FULTON, DEKALB, & COBB COUNTY

- Projects that have environmental approval by June 30, 2012;
- Projects that have right of way plans submitted for review and approval by June 30, 2012;
- Design Build and P3 projects that have been awarded or received environmental approval by June 30, 2012.
- Maintenance and safety improvements: Examples include repaving, driveway access paving, shoulder paving and building, fiber optic line installation, sign addition, safety barrier, and sound barrier installations.
- Safety projects whereby the sites are not connected and the individual site disturbs less than one acre.

There are no design drawings submitted for the Costing Review. Only a section 999 specification has been provided. All drawing section headings have been removed. All design drawings required will be provided by the design build contract winner at the final review.

- ⇒ Please ensure correct pay items and quantities are entered into CES (Cost Estimation System) after the plans have been revised according to the Design Build Costing Inspection comments.
Office of Engineering Services is now conducting their engineering estimate. IPD will coordinate with this office to ensure the scopes of the projects are current and accurate

UTILITY

Electrical:	Georgia Power Distribution Georgia Power Transmission Cobb EMC
Gas:	AGL Resources
Sewer:	Fulton County Sewer Cobb County Water & Sewer DeKalb County Watershed Management
Water:	Cobb County Water & Sewer City of Atlanta Water DeKalb County Watershed Management
Telephone:	AT&T MCI Verizon
Railroad:	None
Cable TV:	Comcast
Other:	Zayo Fiber Solutions Sunesys Fiber

Utility location will be performed by SUE as part of the 999 specification.
A utility coordination meeting will occur December 5, 2013.

The contractor will send and receive plans to and from the Utility Companies as part of the 999 specification.

In accordance with TOPPS Policy 6863-12, responsibility of the pre-construction phase, including utility coordination, belongs to the Contractor. All Design-Build (D/B) Projects meet the determinations "in the best interest of the public" and "expedites the staging of the project". As a Design Build Project, this project shall be automatic Public Interest Determinations and should

include, in accordance with the executed Memorandum of Understanding (MOU), the utility relocation, removal, and adjustment work in the construction project as part of the Project scope.

SECTION 999 – DESIGN BUILD PROJECT

There was a concern regarding the scope of work for these projects. Scope is clearly defined on these types of projects due to the following:

- Please note that per Section 11.4 of the GDOT Design Policy Manual GDOT's programmed SRTS projects have very limited funding and short project schedules, therefore it is of utmost importance for all internal and/or external team members to provide the most productive and efficient project possible.
- Also per Section 11.4 of the GDOT Design Policy Manual, these facilities must comply with the Americans with Disabilities Act (ADA) standards, Section 504 of the Rehabilitation Act, the Architectural Barriers Act, and any other applicable laws or regulations relating to accessibility, to the maximum extent feasible within the scope of the project.
- The feasibility meant by this standard is a physical possibility only. A public agency is exempt from meeting the ADA standards where physical terrain or site conditions restrict constructing or altering the facility to the standard.

⇒ There was a recommendation to ensure the design team documents why grades do not match preferred ADA. (Example, the profile grade of sidewalk is matching the profile grade of the roadway and correction would impact a historical structure.)

The Design-Build team will be required to provide an engineering recommendation report

⇒ There are several areas that reference the concept report for information regarding the project. The concept report is not part of the 999 specification. Either change wording or add concept as an attachment to the 999 specification.

"Concept report" has been replaced with the Costing Plans Package

⇒ There are several areas of the 999 specification that reference FHWA approval required. This is currently not a full oversight project. This item could be deleted pending final list of Full Over Sight projects.

FOS will be removed from the contract

⇒ Add statement, Per the GDOT Pedestrian & Streetscape Guide, page 84, 1st paragraph & Fig. 53: "When a vertical drop is more than 30 inches, exceeds a down slope grade of 1:2 and is located less than 4 feet from the edge of the trail, walkway, or sidewalk, railing needs to be installed along the extent of the grade drop."

A statement will be added to the General Scope

⇒ Page 1, 999.1.A: Project location cannot be referenced to the concept report. This is not part of the specification. Add the required project location information.

"Concept report" has been replaced with the Costing Plans Package

⇒ Page 2, 999.1.C: Project should include construction of 8" thick concrete in radii. ***"All ADA Wheelchair Ramps within the Radii shall be 8 inch Concrete."***

A statement will be added to the General Scope

⇒ Page 2, 999.1.C.1.a.i.2 (0010394 DeKalb County): Project concept upgrades the crosswalks and signals at the intersections of LaVista Road with Fair Oaks Road and Lavista Road with Frazier Road. This is not what is stated in the 999 specification.

The wheelchair ramps at these intersections do not meet ADA requirements, and as per 999.1.C.2 wheelchair ramps include crosswalk striping. Signals will be upgraded and SP 999 has been changed

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 7

FULTON, DEKALB, & COBB COUNTY

- ⇒ Page 2, 999.1.C.1.a.ii.2 (0010394 DeKalb County): A permit revision is required for pedestrian signals. State who is responsible for obtaining the permit.
The Department will be responsible for obtaining the permit if required
- ⇒ Page 2, 999.1.C.1.a.ii.4 & 5 (0010394 DeKalb County): Add no impacts to the buffer.
The scope item has been revised to include no impacts to the stream buffer
- ⇒ Page 2, 999.1.C.1.a.v.2 (0010394 DeKalb County): Per Concept, there is not a Greenglade Road.
Greenglade road is located to the North of Briarlake Elementary School
- ⇒ Page 3, 999.1.C.1.b.i (0010395 Fulton County): 1400' of this 2000' section is in DeKalb County.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.i (0010395 Fulton County): From Moreland Ave to Stokeswood Ave., there are four (4) "speed humps" existing within the area of the proposed Bike Lanes. (The bikes do not navigate the humps or slope to the curb and gutter.)
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.i (0010395 Fulton County): From Moreland Ave to Brownwood Ave., this is a 3-lane section, 32' curb to curb, with a 335' left turn bay. Define where two 5' Bike Lanes will be installed. The inspection team recommends this to be bike sharrows.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.ii (0010395 Fulton County): Clarification is needed on how this can be accomplished with minimal R/W. The inspection team does not think this can be done. Buying building would be required to accomplish this. The inspection team recommends removal from project.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.iii (0010395 Fulton County): Concept states: >5' wide sidewalk on the north side. Does this take into account the possible Historic Property's, 2 walls, front slope and chain link fence?
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.iii (0010395 Fulton County): Provide reasoning for "new" granite curb. Can existing be removed & reset? With installing new curbing, driveways dust pans will need to be reconstructed. Add project specific detail.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.iv (0010395 Fulton County): Clarify need for "transition", add Bike Lanes to Woodland Ave from intersection to intersection, +/- 100'.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.v (0010395 Fulton County): There is current on street parking throughout this section, has this been brought to the Public. This is a right of way issue, which cannot be done on this type project. (i.e. potential reimbursement for parking, etc.)
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.v (0010395 Fulton County): Provide documentation for not adding sidewalk from Woodland Ave to Palatine Ave on the southside. This is a 1450' section with 19 homes. This should be included for SRTS. Is there a Clear Zone requirement for Cycle Track? (i.e. existing power poles, trees, picket fence)
The PI 0010395 SRTS will not be in the March letting

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 8

FULTON, DEKALB, & COBB COUNTY

- ⇒ Page 3, 999.1.C.1.b.v (0010395 Fulton County): Placement of Bollards should be defined better, there are 5 side roads and +/- 70 driveways on the southside. (Bollards at side roads, not driveways)
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.v (0010395 Fulton County): Clarification is needed for the following section: 160' to 410' east of Confederate Ave., 6 homes do not have driveways so they park on the southside of the road.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.vi (0010395 Fulton County): Existing conditions at this intersection, Confederate Ave. only has a Bike Lane on the NB side of southside and none on northside of intersection. Confederate south of intersection is +/- 28' wide.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.vii (0010395 Fulton County): Existing roadway is 32' wide. Proposed typical section proposes 2-11' lanes with 5' buffer & 5' Bike lane. There are 8 homes in this section that do not have driveways and utilize on street parking on the southside. Proposed typical will eliminated this.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.viii (0010395 Fulton County): Clarification is needed on how this can be accomplished with minimal R/W and maintain 3-lanes.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.viii (0010395 Fulton County): Clarification is needed for Environmental Document, 4F? Historic?, on the westside, Grant Park & Zoo Atlanta.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.viii (0010395 Fulton County): Clarification is needed for "where" receiving area can be constructed. (Existing conditions do not allow this.)
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.ix (0010395 Fulton County): Clarification is required for this proposal. Reducing the SB movement to 1-lane for 580' will decrease the efficiency of the other intersections north of this area. Also there are no other Bike Lanes to tie-in with. AADT's exceed 22,000, high truck volumes WB-67 headed to rail yard.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.ix (0010395 Fulton County): **Recommendation:** Remove existing sidewalk and construct 12' wide multi-use path on westside between Confederate Ave. and Ormewood Ave., to include proposed receiving areas.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.x (0010395 Fulton County): See comments from viii & ix.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.xi (0010395 Fulton County): Bike Lanes will not be used for bicycles; home owners will still park on street.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.xii (0010395 Fulton County): Ensure bulb outs do not hinder right turns for Zoo Atlanta.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 3, 999.1.C.1.b.xii (0010395 Fulton County): Drainage will need to be upgraded.
The PI 0010395 SRTS will not be in the March letting

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 9

FULTON, DEKALB, & COBB COUNTY

- ⇒ Page 4, 999.1.C.1.b.xv: Project special provision 107.13J was not submitted.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 4, 999.1.C.1.b.xv (0010395 Fulton County): This should be spelled out some place.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 4, 999.1.C.1.c.i.3 & 4 (0010401 Cobb County): The ecology report states no impacts to buffers.
No buffer impacts are anticipated for this bridge construction. Any impacts outside of the 100' bridge construction exemption area will be the responsibility of the Design-Build team to acquire the necessary permits and mitigation credits.
- ⇒ Page 4, 999.1.C.1.c.i.3 (0010401 Cobb County): This stipulation would require traffic to be down to one lane to build the bridge. The inspection team recommends removal of bridge construction for this project.
Bridge construction will be evaluated for this project
- ⇒ Page 4, 999.1.C.1.c.i.4 (0010401 Cobb County): It appears the bridge construction would impact the wetland. This doesn't appear to be feasible for this project. The inspection team recommends removal of bridge construction for this project.
Bridge construction will be evaluated for this project
- ⇒ Page 4, 999.1.C.1.d (0010403 Fulton County): No mention of replacing the existing sidewalk as stated in concept.
Existing sidewalk replacement has been indicated in the general scope under 999.1.C.c.i.2
- ⇒ Page 4, 999.1.C.1.d.i.2 (0010403 Fulton County): Verify if the ramp locations to be replaced or not should be defined. (Project scope issue- Upgrade all or just ones listed.)
Project scope issue has been addressed to show all intersections to construct wheelchair ramps and another scope item that requires all wheelchair ramps to meet ADA requirements.
- ⇒ Page 4, 999.1.C.1.d.i.3 (0010403 Fulton County): Add installation of pavement markings for the school zone.
The scope item will be revised to include pavement markings for a school zone
- ⇒ Page 4, 999.1.C.1.d.i.3 (0010403 Fulton County): Lighting should be defined. Is this flashers, street lighting, pedestrian lighting, etc.?
Scope item will be revised to be prescriptive to school flashers
- ⇒ Page 4, 999.1.C.1.d.i.6 & 7 (0010403 Fulton County): Ensure the stop bars and signs are shown to be replaced in the correct locations. Should this be done per the engineer of record/design team? This should all be done per MUTCD.
Sign and stop bar placements will be in accordance with the reference manuals as described in section 999.3.B
- ⇒ Page 4-7, 999.1.C.1.d: The format of lettering/numbering needs adjustment in section d.
The format will be corrected
- ⇒ Page 5, 999.1.C.1.d.6.Roadway: Add the following General Note: ***There is no suitable place to bury existing construction debris within the project's limits. The Contractor shall provide an environmentally approved site to dispose of existing construction debris at no additional cost to the Department.***
The note shown above has been added to the general scope
- ⇒ Page 5, 999.1.C.1.d.7.e.Drainage: This needs to be defined.

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 10

FULTON, DEKALB, & COBB COUNTY

Statement has been revised to include clearing debris up to the outfall

- ⇒ Page 5, Drainage: The inspection team recommends language regarding the outfall locations be added to the 999 specification. This is an increased concern with no right of way to be purchased.
Language regarding outfall locations has been added
- ⇒ Page 6, 999.1.C.1.d.8.c.Driveways: Change the driveway reconstruction note to the statewide accepted driveway note.
"All drives that are to be reconstructed shall be replaced in kind i.e. asphalt for asphalt, concrete for concrete, and gravel or dirt drives are to be reconstructed with asphalt to the limits of roadway construction or right of way whichever is greater. Where required, drives shall be constructed as follows, unless otherwise noted on the driveway summary:
The scope item has been adjusted to include the statement above
- ⇒ Page 6, 999.1.C.1.d.8.c.Driveways: Edit the driveway note for the following depths:
(Full pay items descriptions not shown below.)
Asphalt Drives- RESIDENTIAL: 165 LBS./SQ. YD. ASPH. CONC., 12.5 mm SUPERPAVE
6" GRADED AGGREGATE BASE
COMMERCIAL: 165 LBS./SQ. YD. ASPH. CONC., 12.5 mm SUPERPAVE
220 LBS./SQ. YD. ASPH. CONC., 19 mm SUPERPAVE
6" GRADED AGGREGATE BASE
Concrete Drives- RESIDENTIAL: 6" DRIVEWAY CONCRETE
COMMERCIAL: 8" DRIVEWAY CONCRETE
Driveway materials have been adjusted to the schedule shown above
- ⇒ Page 7, 999.1.C.1.d.12.b.Signing and Marking: Change to: All signing & marking within the project limits shall be.....
No change to the scope due to the limited budget
- ⇒ Page 7, 999.1.D: The right of way phrasing is not clear. "Ensure designing and constructing the Project occurs within the existing Right of Way." Then the team is allowed to buy right of Way. Right of way is not anticipated in the concept reports.
Conflicting statement has been removed from the Right of Way section
- ⇒ Page 15: Construction Plans review period should change from 30 days to 35 days.
These SRTS projects will require small plan sets, construction review periods will remain 30 days
- ⇒ Page 15: Specify the level of plans that can be submitted for review.
The level of plans will be in accordance with GDOT's Design Policy Manual Chapter 11.4 Safe Routes to Schools (SRTS) Projects
- ⇒ Page 15: Allow multiple review dates. (Separate reviews for each P.I.)
Multiple submittals and review dates will be allowed
- ⇒ Page 15: Construction Plans comment section, FHWA to perform concurrent review. This item should be deleted. The project is not full oversight.
FOS will be removed from the contract
- ⇒ Page 16: Structures comment section, FHWA review/acceptance. This item could be deleted pending final list of Full Over Sight projects. The project is currently not full oversight.
FOS will be removed from the contract
- ⇒ Page 16: Change the review period to 35 calendar days instead of the given 30.
These SRTS projects will require small plan sets, construction review periods will remain 30 days

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 11

FULTON, DEKALB, & COBB COUNTY

- ⇒ Page 17: The final plans should include all needed information as per the GDOT plan submittal checklist. (Ex. drainage calculations, approved BFI, WFI, etc.)
Incomplete plan submittals will be rejected
- ⇒ Page 22, Roadway 1.b: Update the following: **2013 Georgia Standard Specifications.**
The 2013 standard specification has been referenced and the 2001 has been removed
- ⇒ Page 22, Roadway 1.b: Add the GDOT Drainage Manual.
Drainage manual has been added to the reference list
- ⇒ Page 22, Roadway 1.b.7: Is the AASHTO Roadside Design Manual the same as the AASHTO Roadside Design Guide? Is this double indicated?
This reference was double indicated and one has been removed
- ⇒ Page 23: Verify if GDOT officially adopt the NACTO Urban Bikeway Design Guide.
The PI 0010395 SRTS will not be in the March letting
- ⇒ Page 23: Recommend adding if a Notice of Intent is not required then some or all of Sections 50 through 56 can be deleted and an abbreviated ESPC Plan will be required. It contains:
 - 1. Erosion Control Legend Uniform Code Sheet
 - 2. BMP Location Details on the Mainline Plans
 - 3. Applicable standards and construction details for BMP's specified in the Plan**The level of plans will be in accordance with GDOT's Design Policy Manual Chapter 11.4 Safe Routes to Schools (SRTS) Projects**
- ⇒ Page 23: Verify if bailed straw ditch checks is an allowed option.
Bailed straw ditch checks has been removed
- ⇒ Page 24, Bridges and Structures 1.e: Update MicroStation J to MicroStation V8.
The Bridges and Structures section will be reviewed and adjusted by the bridge office
- ⇒ Page 35, D. Traffic Signals.1: Add under Proposed Signalization: Provide list of RRFB installations to the Office of Traffic Operations not on State Routes.
RRFB Installations are as follows:
 - 0010394 (DeKalb)**
 - 1. Intersection of Oak Grove Road & Greenglade Road – New rapid flashing beacons**
 - 2. Intersection of Fairoaks Road & Akin Drive – New rapid flashing beacons**
 - 0010401 (Cobb)**
 - 1. Kincaid Road – New rapid flashing beacons**
- ⇒ Page 35, D. Traffic Signals.1: If RRFB are on State Route, they required permitting. Add under the Traffic Signal Plans section.
RRFB's on state routes will be added to the required permits
- ⇒ Page 35, D. Traffic Signals.1: Add State Route number to list of signalized intersections.
State route numbers will be added
- ⇒ Page 35, D. Traffic Signals.1.a.3: Clarify why City of McDonough would get utility cost.
This statement has been removed
- ⇒ Page 35, D. Traffic Signals.1.a.6: Clarify last part of first sentence. (...without saw cutting of the P.I. island(s)...) **This section has been removed from the Contract**
- ⇒ Page 36, Item 9: Change District "Three" to "Seven".

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 12

FULTON, DEKALB, & COBB COUNTY

The District numbers have been updated

⇒ Page 36, Item12: Add the word “working” to the days. This does not need to be interpreted as calendar days.

The word “working” has been added to the days

⇒ Page 36, Item12: Change Project Manager to the Department.

Project Manager has been changed to Department

⇒ Page 37, E. Utilities: “GEORGIA811” needs to be added someplace. These will eventually be needed to be shown on the plans.

The GEORGIA811 Logo has been added as a requirement to the Utility Plans

FIELD INSPECTION

No comments were submitted from the field inspection.

LLM/ GMP

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 13

FULTON, DEKALB, & COBB COUNTY

PERSONNEL PRESENT

FIELD PLAN REVIEW SIGN-IN SHEET

PI No.: 0010394 County: DeKalb
 PI No.: 0010395 County: Fulton
 PI No.: 0010401 County: Cobb
 PI No.: 0010403 County: Fulton

Date: November 21, 2013

PE CHARGING UNIT: 0010394-PE; 0010395-PE; 0010401-PE; 0010403-PE

NON DOT EMPLOYEES PLEASE PROVIDE BUSINESS CARD OR
 PRINT E-MAIL ADDRESS LEGIBLY.

DOT EMPLOYEES PLEASE SIGN IN WITH NAME AS SHOWN ON DOT E-MAIL ADDRESS

O	F	NAME	OFFICE / COMPANY	PHONE NUMBER	E-MAIL ADDRESS
x		Michelle Pate	Engineering Services	(404) 631-1771	mpate@dot.ga.gov
x		Jennifer Napier	Kimley-Horn & Assoc.	678-533-3912	jennifer.napier@kimley-horn.com
x		ERIK BRADY	CDOT	770-986-1769	EBRADY@DOT.GA.GOV
x		KESHA WYNN	GDOT	770-986-1774	KWYNN@dot.ga.gov
x		Chris McKinney	GDOT	770-986-1770	chmckinney@dot.ga.gov
x		KEN WERHO	GDOT T.O.	404-635-2859	KWERO@DOT.GA.GOV
x		KATE D'AMBROSIO	GDOT T.O.	404-635-2842	kdambrasio@dot.ga.gov
x		LOREN BARETT	GDOT IPD	404-631-1642	lbarett@dot.ga.gov
x		JAMES HAPPA	GDOT - CONST	404-326-3265	JHAPPA@dot.ga.gov
x		Scott Gibson	DOT CONST	404-986-1414	SGIBSON@dot.ga.gov
x		Rob Lewis	HNTB	404-556-2931	rllewis@hntb.com
x		Shane Swan	HNTB	404-783-7437	sswan@hntb.com
x		LEE UPKINS	UTAHES - GDOT	404-631-1378	lupkins@dot.ga.gov
x		Emmanuel M.	Traffic OPS	404-631-2824	emmanuel@dot.ga.gov
x		John Harrell	IPD	404-631-1315	jharrell@dot.ga.gov
x		Iris Hernandez	GDOT - OES	404-631-1190	ihernandez@dot.ga.gov

PAGE 14

FULTON, DEKALB, & COBB COUNTY[illegible]

DESIGN BUILD COSTING FIELD PLAN REVIEW INSPECTION REPORT:

P.I. NO. 0010394, 0010395, 0010401, & 0010403

PAGE 15

FULTON, DEKALB, & COBB COUNTY

PERSONNEL SUBMITTING E-MAIL COMMENTS

Iris Hernandez
Ken Werho

Office of Environmental Services
Office of Traffic Operations

c: Russell McMurry
Joe Carpenter
Darryl VanMeter
Loren Bartlett
Rachel Brown
Shun Pringle
Dona Welch
Scott Gibson
Dale Ferris
Scott Lee
Mike Lobdell
Patrick Allen
Emanuel Jackson
James Harry
Noelia Jaramillo
Charles Hasty
David Patterson
Eric Pitts
Mike Bolden
Kathy Zahul
Ken Werho
Angela Whitworth
Andy Casey
Ben Rabun
Theresa Holder
Howard Copeland
Cindy VanDyke
Gail D'Avino
Eric Duff
Glenn Williams
Tommy Slaton
Steve Matthews
Troy Patterson
Eugene Hopkins
Ted Crabtree
Michelle Pate

APPENDIX "A"

ENVIRONMENTAL COMMITMENTS TABLE

P.I.#: 0010395 | County: Fulton | Date Updated: 9/17/2013

Stage: PCE Approval Transmittal Date for Plans Reviewed by OES: Plans Not Available

☐ These commitments are feasible.
(must be checked at all stages)

PM Signature/Date _____

☐ Plans incorporate the commitments.
(must be checked to certify for listing)

Engineer of Record (EOR) _____

EOR Signature/Date _____

Air Noise: Shadyside (10/4/13) Arch. Hist. Museum (10/7/13) (email)
Eco: D. Chumbley (10/10/13) Hist. Significance (10/10/13) (email)
NEPA: L. Remond (10/10/13)

A. Resources to be Delineated on the Plans and/or Listed in the Environmental Resource Impact Table (ERIT)

Resource Name	Additional Information	Refer to	Name and Date of Report or Transmittal	Assessment of Effects 6.21.13	Correctly Shown? Plan Sheet	ERIT
A-1 Ormewood Park Historic District	-	-	"	"	No	"
A-2 Grant Park Historic District	-	-	"	"	"	"
A-3 East Atlanta Village Historic District	-	-	"	"	"	"
A-4 Bridge 121-0528-0	-	-	"	"	"	"
A-5 Atlanta's Historic Streetcar System	-	B-1	Monitor Special Provision Transmittal 9.12.13	"	"	"

B. Special Provisions (Attach all special provisions to the commitments table, if available)

Special Provision	Purpose	Est. Cost	SP's Latest Date
B-1 Monitor SP 107.13J	For the protection of National Register of Historic Places-eligible resources in the case of inadvertent discovery	Negligible	9.12.13

C. Plan Notes and Design Features (Description: For plan notes, provide exact wording in "quotes" and approximate location)

Purpose	Description	Est. Cost	Correctly Shown?
C-1 Protect resources	"The contractor shall contact the project archaeologist at 404.631.1166 at least 48 hours prior to land disturbing activities in the vicinity of Atlanta's Historic Streetcar System. The contractor's attention is called to Special Provision 107.13J regarding resource monitoring within the project area."	Negligible	No

D. Necessary Permits, Buffer Variances and Mitigation Credits

Permit, Variance, etc	Additional Information (permit details, number of credits needed, etc...)	Est. Cost	Acquired?
NONE			

E. Other Commitments or Requirements (Status: Pre- and Post - Complete or Incomplete; During - Signature Req'd)

Pre-, During, or Post	Commitment	Responsible party	Est. Cost	Status
NONE				

Total Estimated Cost

If Project is Complete or Under Construction, Area or Construction Engineer affirms that all Special Provisions, Plan Notes and During Construction Commitments were or are being adhered to during the project's construction.

Please Print Name and Title: _____ Signature: _____ Date: _____ Please provide an explanation if unable to sign.

SCORING RESULTS PER TOPPS 2440-2

Project Number:		County:		PI No.:		Project Designed By:	
		FULTON, DEKALB, & COBB		0010394, 0010395, 0010401, & 0010403		DOT Office: OFFICE OF INNOVATIVE PROGRAM DELIVERY	
Date FPR Held:		<input checked="" type="checkbox"/> Costing		<input type="checkbox"/> Final		Project Manager: Loren Bartlett	
November 21, 2013						Consultant/Design Office: HNTB Corporation	
Project Type: Choose appropriate project type:		<input type="checkbox"/> Bridge Replacement <input type="checkbox"/> Rural Widening & Reconstruction <input type="checkbox"/> Urban Widening & Reconstruction <input type="checkbox"/> Maintenance Resurfacing					
<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor		<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural		<input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Rural Interstate Reconstruction <input type="checkbox"/> Urban Interstate Reconstruction		<input checked="" type="checkbox"/> Design-Build <input type="checkbox"/> New Location Roadway <input type="checkbox"/> Traffic Signal Upgrades <input type="checkbox"/> ATMS/ITS	
FOCUS AREAS	SCORE	RESULTS					
Presentation	100	<input type="checkbox"/> Did not follow PDP <input type="checkbox"/> Did not follow PPG <input type="checkbox"/> Unclear requirements					
		<input type="checkbox"/> Missing information <input type="checkbox"/> Conflicting information <input type="checkbox"/> Incorrect information					
Judgment	90	<input type="checkbox"/> Did not follow Concept Report <input type="checkbox"/> Did not follow AASHTO requirements					
		<input type="checkbox"/> Did not follow GDOT policy <input type="checkbox"/> Did not perform adequate QA/QC procedures					
Environmental	N/A	<input type="checkbox"/> Not consistent with Environmental Document <input type="checkbox"/> Not consistent with Environmental Permits <input type="checkbox"/> ESA's not shown/incorrect on plans					
		<input type="checkbox"/> Did not address environmental commitments <input type="checkbox"/> Unreasonable environmental commitments/requirements					
Right of Way	N/A	<input type="checkbox"/> Did not provide adequate Right of Way/Easements <input type="checkbox"/> Did not show physical characteristics of property					
		<input type="checkbox"/> Was not consistent with constraints to accessing property					
Utility	N/A	<input type="checkbox"/> Did not show existing Utilities on plans <input type="checkbox"/> Did not show Strain Pole locations					
		<input type="checkbox"/> Utility Legend discrepancies <input type="checkbox"/> Did not show all relocations <input type="checkbox"/> Did not define all conflicts <input type="checkbox"/> Did not show Contract items					
Constructability	N/A	<input type="checkbox"/> Did not provide Staging Cross Sections <input type="checkbox"/> Did not address Temporary Drainage					
		<input type="checkbox"/> Did not include Intermediate Completion Dates <input type="checkbox"/> Did not address Side Road Staging <input type="checkbox"/> Staging will not work as shown					
Schedule	100	<input type="checkbox"/> Submitted late for Scheduled Let Date <input type="checkbox"/> Additional Field Plan Review required					
		<input type="checkbox"/> Incomplete Initial Submittal <input type="checkbox"/> Extensive Re-do work <input type="checkbox"/> Submitted late for R/W Authorization					
		Notes:					